## Abstract of the Disclosure

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An electromagnetic transducer such as an audio speaker, having a motor structure in which a shorting ring that sinks eddy currents also serves as a permanent fixture to provide coaxial alignment of two or more components within the transducer. These components could include various combinations of the yoke, the top plate, the magnet, and/or other parts. Ideally, the shorting ring extends axially as close as possible to the voice coil, to a position immediately adjacent the magnetic air gap.